

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/07284

## Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:

because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:

because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:

because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

Claims 1-13, 24-27 relate to an FCD system and a device for judging whether or not to use the running path data of a vehicle for analyzing the traffic conditions of the corresponding road.

Claims 14-23, 28-30 relate to an FCD system and an FCD collecting device for using velocity data contained in running path data to complement and specify a velocity data measuring point within a passed road section.

Claims 31-34 relate to an on-vehicle machine provided with an encoding means for encoding running path data.

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

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International application No.  
PCT/JP03/07284

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> G08G1/13, G08G1/01

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl<sup>7</sup> G08G1/00-1/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2003  
Kokai Jitsuyo Shinan Koho 1971-2003 Toroku Jitsuyo Shinan Koho 1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2000-11290 A (Hitachi, Ltd.), 14 January, 2000 (14.01.00), Column 6, line 39 to column 7, line 2; Fig. 1 (Family: none)	1-8, 24-26 9-13, 27
Y A	JP 58-37796 A (Omron Tateisi Electronics Co.), 05 March, 1983 (05.03.83), Page 1, lower right column, lines 3 to 6; page 4, lower right column, line 7 to page 5, upper left column, line 10; Fig. 6 (Family: none)	1-8, 24-26 9-13, 27
X Y	JP 7-262487 A (Hitachi, Ltd.), 13 October, 1995 (13.10.95), Column 2, lines 35 to 49; Figs. 1 to 5 (Family: none)	12, 15, 28, 29 21, 30

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:  
"A" document defining the general state of the art which is not  
considered to be of particular relevance  
"E" earlier document but published on or after the international filing  
date  
"L" document which may throw doubts on priority claim(s) or which is  
cited to establish the publication date of another citation or other  
special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other  
means  
"P" document published prior to the international filing date but later  
than the priority date claimed

"T" later document published after the international filing date or  
priority date and not in conflict with the application but cited to  
understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be  
considered novel or cannot be considered to involve an inventive  
step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be  
considered to involve an inventive step when the document is  
combined with one or more other such documents, such  
combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search  
14 August, 2003 (14.08.03)

Date of mailing of the international search report  
26 August, 2003 (26.08.03)

Name and mailing address of the ISA/

Authorized officer

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## INTERNATIONAL SEARCH REPORT

PCT/JP03/07284

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 56-31199 A (Nippondenso Co., Ltd.), 28 March, 1981 (28.03.81), Full text; Figs. 1 to 2 (Family: none)	31 21, 30
A	JP 8-329381 A (Matsushita Electric Industrial Co., Ltd.), 13 December, 1996 (13.12.96), Full text; Figs. 1 to 11 (Family: none)	1-34
A	JP 9-115087 A (Mitsubishi Electric Corp.), 02 May, 1997 (02.05.97), Full text; Figs. 1 to 15 (Family: none)	1-34
A	JP 2000-194984 A (Nippon Telegraph And Telephone Corp.), 14 July, 2000 (14.07.00), Full text; Figs. 1 to 10 (Family: none)	1-34
A	JP 2000-255978 A (Hitachi, Ltd.), 22 September, 2000 (22.09.00), Full text; Figs. 1 to 7 (Family: none)	1-34